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ZINC OXIDE PARTICLES

ABSTRACT OF THE DISCLOSURE

A collection of zinc oxide nanoparticles have been produced by laser pyrolysis. The zinc oxide nanoparticles have average particle diameters of less than about 95 nm and a very narrow particle size distribution. The laser pyrolysis process is characterized by the production of a reactant stream within the reaction chamber, where the reactant stream includes a zinc precursor and other reactants. The zinc precursor can be delivered as an aerosol.

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